

What is claimed is:

1. A portable audio/video playback apparatus having a broadcast receiving function, the portable audio/video  
5 playback apparatus comprising an apparatus main body with a speaker and a display capable of reproducing and outputting an audio signal and a video signal, and a broadcast receiver unit removably attached to the apparatus main body, the apparatus main body comprising:

10 interface means for connecting thereto the broadcast receiver unit;

audio signal processing means connected to the interface means for applying a signal processing to an audio signal externally fed thereto to prepare a signal to be outputted to  
15 the speaker, and feeding the signal to the speaker; and

video signal processing means connected to the interface means for applying a signal processing to a video signal externally fed thereto to prepare a signal to be outputted to the display, and feeding the signal to the display, the  
20 broadcast receiver unit comprising:

interface means connected to the interface means of the apparatus main body; and

signal feeding means for feeding an audio signal and a video signal included in a received television broadcast

signal to the interface means.

2. The portable audio/video playback apparatus according to claim 1, wherein the apparatus main body comprises power source means for serving as a power source of the speaker, the display, the audio signal processing means and the video signal processing means, while the broadcast receiver unit comprises power source means for serving as a power source of the signal feeding means.

3. The portable audio/video playback apparatus according to claim 1, wherein the broadcast receiver unit comprises:

power source means for serving as a power source of the signal feeding means, and the speaker, the display, the audio signal processing means and the video signal processing means of the apparatus main body; and

a pair of output terminals for outputting power obtained from the power source means, while the apparatus main body comprises a casing incorporating therein the speaker, the display, the audio signal processing means and the video signal processing means, the casing comprising a pair of input terminals for inputting power and having recessed therein a containing portion capable of interchangeably containing a battery pack for serving as a power source of the speaker, the display, the audio signal processing means and the video signal processing means, and the broadcast receiver unit,

wherein the pair of input terminals of the apparatus main body and a pair of output terminals of the battery pack contact with each other with the containing portion containing the battery pack, while the pair of input terminals of the apparatus main body and the pair of output terminals of the broadcast receiver unit contact with each other with the containing portion containing the broadcast receiver unit.

5    4.    The portable audio/video playback apparatus according to any one of claims 1 to 3, wherein the apparatus main body has a telephone communication function, and is capable of demonstrating the telephone communication function both with the broadcast receiver unit attached thereto and with the broadcast receiver unit removed therefrom.

15    5.    The portable audio/video playback apparatus according to claim 4, wherein the apparatus main body comprises receiving means for receiving an audio signal and/or a visible information signal from a telephone network, and the audio signal processing means applies a signal processing to the audio signal received by the receiving means for output to the speaker, while the video signal processing means applies a signal processing to the visible information signal received by the receiving means for output to the display.

20    6.    The portable audio/video playback apparatus according to claim 5, wherein the receiving means of the apparatus main

body is used also as a receiving means for a television broadcast signal with the broadcast receiver unit attached to the apparatus main body.

7. The portable audio/video playback apparatus according to  
5 claim 4, wherein the broadcast receiver unit comprises receiving means for receiving a television broadcast signal, and the receiving means is used also as a receiving means for receiving an audio signal and/or a visible information signal from a telephone network with the broadcast receiver unit  
10 attached to the apparatus main body.

8. The portable audio/video playback apparatus according to any one of claims 1 to 3, wherein the apparatus main body has a photography function for a still picture and/or a motion picture, and is capable of demonstrating the photography  
15 function both with the broadcast receiver unit attached thereto and with the broadcast receiver unit removed therefrom.